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International Application No
T/IB2004/002541

a. classif IPC 7	FICATION OF SUBJECT MATTER C01B33/193 C01B33/18						
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According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED							
Minimum do	cumentation searched (classification system followed by classification $C01B$	n symbols)					
	ion searched other than minimum documentation to the extent that su $$						
	ata base consulted during the international search (name of data base	e and, where practical, search terms used)				
EPO-Internal, PAJ, WPI Data, CHEM ABS Data							
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.				
X	WO 01/17901 A (JANSEN JACOBUS COR MASCHMEYER THOMAS (NL); SHAN ZHIP U) 15 March 2001 (2001-03-15) figure 2b; example 2; table 1	NELIS; ING (NL);	1–15				
X	US 6 107 236 A (AUBURN PAMELA R 22 August 2000 (2000-08-22) column 7, line 61 - column 9, lin- column 9, lines 49-65 column 10, lines 21-29		1–15				
Furth	her documents are listed in the continuation of box C.	ments are listed in the continuation of box C. X Patent family members are listed in annex.					
 Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) C' document referring to an oral disclosure, use, exhibition or other means P' document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. B'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. W' document member of the same patent family 			the application but eory underlying the claimed invention to be considered to be considered to be comment is taken alone claimed invention eventive step when the ore other such docunus to a person skilled				
Date of the	actual completion of the international search	Date of mailing of the international sea	arch report .				
1	5 October 2004	27/10/2004					
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Werner, H					

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
T/IB2004/002541

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0117901 A	15-03-2001	AU	770364 B2	19-02-2004
		ΑU	3893900 A	10-04-2001
		BR	0013787 A	27-08-2002
		CA	2384090 A1	15-03-2001
•		CN	1387496 T	25-12-2002
		EP	1214272 A1	19-06-2002
		JP	2003508333 T	04-03-2003
		WO	0117901 A1	15-03-2001
		US	2003017943 A1	23-01-2003
		US	2003188991 A1	09-10-2003
		US	2004138051 A1	15-07-2004
		US	2002074263 A1	20-06-2002
US 6107236 A	22-08-2000	AU	3477199 A	01-11-1999
70 010,200 N		US	2003092858 A1	15-05-2003
		ÜS	2003060582 A1	27-03-2003
		MO	9952627 A1	21-10-1999
		ÜS	6372685 B1	16-04-2002